

Title (en)

METHOD AND APPARATUS FOR GENERATING TEMPORALLY CONSISTENT SUPERPIXELS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG ZEITLICH KONSISTENTER SUPERPIXEL

Title (fr)

PROCÉDÉ ET APPAREIL DE GÉNÉRATION DE SUPERPIXELS COHÉRENTS DANS LE TEMPS

Publication

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Application

EP 14745164 A 20140801

Priority

- EP 13306156 A 20130816
- EP 2014066631 W 20140801
- EP 14745164 A 20140801

Abstract (en)

[origin: WO2015022208A1] A method and an apparatus for generating superpixels for a sequence of frames are described. A feature space of the sequence of frames is separated (10) into a color subspace and a spatial subspace. A clustering (11) is then performed in the spatial subspace on a frame basis. In the color subspace a clustering (12) is performed on stacked frames. An erroneous temporal consistency of a superpixel associated to a frame is detected (13) by performing a similarity check between a corresponding superpixel in one or more past frames and one or more future frames using two or more metrics. The affected superpixels in future frames are corrected (14) accordingly.

IPC 8 full level

G06T 7/11 (2017.01); **G06T 7/174** (2017.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2015022208A1

Cited by

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